

**File names:** Developer 2009 ICR Long SectionA\_No CBI.csv  
Developer 2009 ICR Long SectionB\_No CBI.csv  
Developer 2009 ICR Long SectionC1\_No CBI.csv  
Developer 2009 ICR Long SectionC2\_No CBI.csv  
Developer 2009 ICR Long SectionC3\_No CBI.csv  
Developer 2009 ICR Long SectionD1\_No CBI.csv\*  
Developer 2009 ICR Long SectionD2\_No CBI.csv\*  
Developer 2009 ICR Long SectionE\_No CBI.csv  
Developer 2009 ICR Long SectionF\_No CBI.csv

Survey: Stormwater Discharges from Developed Sites Owner/Developer Long Questionnaire

Each file includes a SurveyID column, which is a unique code for each survey respondent. The heading for each column in the CSV file identifies the question number and the field completed. Each survey question gave the respondent the option to claim that their answer was confidential business information (CBI). For each survey question there is a field in the CSV file that indicates whether or not the respondent claimed CBI. When this was claimed by the respondent the answer has been replaced by term “CBI” in the CSV file. The data in the CSV file is in the same order as found in the questionnaire (note that confidential business information (CBI) and personally identifying information, such as names, street addresses, phone numbers, and email addresses, have been removed). For most questions identifying the corresponding data entries is straightforward. However, for a subset of questions where this may not be the case the key below can be used to identify the answers in the database.

\*Note that for Section D of the Long Survey respondents were asked to enter detailed information for up to five development projects. As a result, there are five project files each for Section D.1 and Section D.2.

From the Questionnaire:

**A-4. During calendar years 2005 – 2009, indicate if your business engaged in any of the following activities. If Yes, check all that apply.**

<b><u>Database Fields</u></b>	<b><u>Survey Response</u></b>
QA4LandDev	Land development (including land subdivision)
QA4SFamResCon	Single-family residential construction
QA4MFamResCon	New multi-family residential construction
QA4Com&InstCon	Commercial and institutional construction
QA4TransCon	Transportation (highway, road, or bridge) construction
QA4IndusCon	Industrial construction
QA4Pipelines	Pipelines (e.g., water, sewer, oil or gas)

QA4Utilities	Underground or overhead utilities (e.g., telecommunications, electric transmission cables)
QA4OtherCon	Other construction not identified above
QA4OtherConSpec	Other construction not identified above, specify:
QA4NoCon	My business did not engage in any construction or land development during calendar years 2005 – 2009.

**B-2. Indicate the state(s)/territories where your business has participated in projects at any time during calendar year 2005 through 2009. Check all that apply.**

<u>Database Fields</u>	<u>Survey Response</u>
QB2AL	Alabama
QB2AK	Alaska
QB2AZ	Arizona
...	...
QB2WI	Wisconsin
QB2WY	Wyoming
QB2PR	Puerto Rico
QB2OtherUS	Other U.S. Territory
QB2OtherUSDesc	Other U.S. Territory (specify):

**C-2. Complete the table below with your business's annual revenue allocated into two categories for each year from 2005 through 2009.**

<u>Database Fields</u>	<u>Survey Response</u>
QC2PSLRev05	Revenue from Project Sales and Leases in 2005
QC2PSLRev06	Revenue from Project Sales and Leases in 2006
QC2PSLRev07	Revenue from Project Sales and Leases in 2007
QC2PSLRev08	Revenue from Project Sales and Leases in 2008
QC2PSLRev09	Revenue from Project Sales and Leases in 2009

QC2OthRev05	Other Revenue in 2005
QC2OthRev06	Other Revenue in 2006
QC2OthRev07	Other Revenue in 2007
QC2OthRev08	Other Revenue in 2008
QC2OthRev09	Other Revenue in 2009
QC2TotRev05	Total Revenue in 2005
QC2TotRev06	Total Revenue in 2006
QC2TotRev07	Total Revenue in 2007
QC2TotRev08	Total Revenue in 2008
QC2TotRev09	Total Revenue in 2009

**C-3. Please enter the number of completed projects in which your business had a financial stake in each Type category below. Proceed down the worksheet to enter data separately for each year from 2005 to 2009. Once you enter a value for a project category (e.g., Single-Family Residential), you will then be prompted to break this number out into additional categories of New Development and Redevelopment. Within each of these categories, you will be prompted to break the projects into categories indicating if they were primarily For Sale or For Lease. Please enter zero in any yellow cells in which you did not complete any projects in a category during that year.**

<b><u>Database Fields</u></b>	<b><u>Survey Response</u></b>
QC35NumSF	Number of Single-Family Residential Projects in 2005
QC35NumMF	Number of Multi-Family Residential Projects in 2005
QC35NumCI	Number of Commercial/ Institutional Projects in 2005
QC35NumInd	Number of Industrial Projects in 2005
QC35NumTrans	Number of Transportation (Including Road and Highway) Projects in 2005
QC35NumSFMF	Number of Mixed Residential (single-family and multi-family) Projects in 2005
QC35NumRCI	Number of Mixed Residential and Commercial/Institutional Projects in 2005

QC35NumCIInd	Number of Mixed Commercial/Institutional and Industrial Projects in 2005
QC35NumMix	Number of Other Mixed Use Projects in 2005
QC35NumOth	Number of Other Project Types in 2005
QC35NDSSF	Number of Single-Family Residential Projects in 2005 that were new development with properties intended for sale.
QC35NDSMF	Number of Multi-Family Residential Projects in 2005 that were new development with properties intended for sale.
QC35NDSCI	Number of Commercial/Institutional Projects in 2005 that were new development with properties intended for sale.
QC35NDSInd	Number of Industrial Projects in 2005 that were new development with properties intended for sale.
QC35NDSTrans	Number of Transportation (Including Road and Highway) Projects in 2005 that were new development with properties intended for sale.
QC35NDSSFMF	Number of Mixed Residential (single-family and multi-family) Projects in 2005 that were new development with properties intended for sale.
QC35NDSRCI	Number of Mixed Residential and Commercial/Institutional Projects in 2005 that were new development with properties intended for sale.
QC35NDSCIInd	Number of Mixed Commercial/Institutional and Industrial Projects in 2005 that were new development with properties intended for sale.
QC35NDSMix	Number of Other Mixed Use Projects in 2005 that were new development with properties intended for sale.
QC35NDSOth	Number of Other Project Types in 2005 that were new development with properties intended for sale.
QC35NDLSF	Number of Single-Family Residential Projects in 2005 that were new development with properties intended for lease.
...	...
QC35NDLOth	Number of Other Project Types in 2005 that were new development with properties intended for lease.
QC35RDSSF	Number of Single-Family Residential Projects in 2005 that were redevelopment with properties intended for sale.

...	...
QC35RDLOth	Number of Other Project Types in 2005 that were redevelopment with properties intended for lease.
QC36NumSF	Number of Single-Family Residential Projects in 2006
...	...
QC39RDLOth	Number of Other Project Types in 2009 that were redevelopment with properties intended for lease.

**C-4. Fill out the following table indicating the total number of projects<sup>1</sup> your business<sup>2</sup> completed during calendar years 2005 – 2009 in which your business had a financial stake<sup>3</sup>. These are the same group of projects associated with the first row of Question C-3 above, broken out by the indicated size and type categories (and not by year).**

<b><u>Database Fields</u></b>	<b><u>Survey Response</u></b>
QC4SFLess1Acre	Number of Single-family residential projects less than 1 acre.
QC4SF1Acre	Number of Single-family residential projects 1 – 9.9 acres.
QC4SF10Acre	Number of Single-family residential projects 10 – 24.9 acres.
QC4SF25Acre	Number of Single-family residential projects 25 – 49.9 acres.
QC4SF50Acre	Number of Single-family residential projects 50 – 99.9 acres.
QC4SF100Acre	Number of Single-family residential projects 100 or more acres.
QC4MFLess1Acre	Number of Multi-family residential projects less than 1 acre.
...	...
QC4MF100Acre	Number of Multi-family residential projects 100 or more acres.
QC4CILess1Acre	Number of Commercial/Institutional projects less than 1 acre.
...	...
QC4CI100Acre	Number of Commercial/Institutional projects 100 or more acres.
QC4IndLess1Acre	Number of Industrial projects less than 1 acre.
...	...
QC4Ind100Acre	Number of Industrial projects 100 or more acres.
QC4TransLess1Acre	Number of Transportation projects less than 1 acre.

...	...
QC4Trans100Acre	Number of Transportation projects 100 or more acres.
QC4SFMFLess1Acre	Number of Mixed residential (single-family and multi-family) projects less than 1 acre.
...	...
QC4SFMF100Acre	Number of Mixed residential (single-family and multi-family) projects 100 or more acres.
QC4ResCILess1Acre	Number of Mixed residential and commercial projects less than 1 acre.
...	...
QC4RedCI100Acre	Number of Mixed residential and commercial projects 100 or more acres.
QC4CIIndLess1Acre	Number of Mixed commercial/institutional and industrial projects less than 1 acre.
...	...
QC4CIInd100Acre	Number of Mixed commercial/institutional and industrial projects 100 or more acres.
QC4MixLess1Acre	Number of Other mixed use projects less than 1 acre.
...	...
QC4Mix100Acre	Number of Other mixed use projects 100 or more acres.
QC4OtherLess1Acre	Number of Other project types less than 1 acre.
...	...
QC4Other100Acre	Number of Other project types 100 or more acres.
QC4TotalLess1Acre	Total projects less than 1 acre.
...	...
QC4Total100Acre	Total projects 100 or more acres.

**D-17. Indicate the developed area categories that were constructed or will be constructed for this project. Check all that apply. For each developed area type that you check, provide the percentage of the project area that it covers (or will likely cover, based on project plans). If you only participated in one portion of a larger project, only provide information on the portion of the project that you participated in. If the project included both new development (i.e., greenfield) and redevelopment areas, provide the percentages of development area broken out into these two categories.**

<b><u>Database Fields</u></b>	<b><u>Survey Response</u></b>
QD17NDSFDet	Newly developed Single-family residential detached
QD17NDSFDetArea	Newly developed Single-family residential detached area
QD17NDSFAtt	Newly developed Single-family residential attached
QD17NDSFAttArea	Newly developed Single-family residential attached area
QD17NDMF	Newly developed Multi-family residential detached
QD17NDMFArea	Newly developed Multi-family residential detached area
QD17NDComm	Newly developed Commercial
QD17NDCommArea	Newly developed Commercial area
QD17NDInd	Newly developed Industrial
QD17NDIndArea	Newly developed Industrial area
QD17NDInst	Newly developed Institutional
QD17NDInstArea	Newly developed Institutional area
QD17NDTrans	Newly developed Transportation
QD17NDTransArea	Newly developed Transportation area
QD17NDNonB	New development without buildings
QD17NDnonBArea	Area of new development without buildings
QD17NDOther	New development other
QD17NDOtherSpec	New development other specified
QD17NDOtherArea	Area of new development other
QD17RDSFDet	Redeveloped Single-family residential detached
...	...

QD17RDOtherArea                      Area of redevelopment other

**D-19. Indicate what the land cover of the project<sup>1</sup> was prior to your business's<sup>2</sup> land development or building construction activity. In the event that your business was only responsible for a portion of the project, indicate what the land use was for your portion of the project when your business began that activity. Check all that apply.**

<b><u>Database Fields</u></b>	<b><u>Survey Response</u></b>
QD19LandDev	Developed (includes buildings, roads, parking lots, etc.).
QD19LandRes	Residential
QD19LandComm	Commercial
QD19LandInd	Industrial
QD19LandInst	Institutional
QD19LandPark	Parking lot
QD19LandFin	Finished lots
QD19LandOthDev	Other development
QD19LandOthDevSpec	Other development, specify
QD19LandBrown	Brownfield area
QD19LandUndev	Undeveloped/greenfield
QD19LandBarr	Barren/open
QD19LandForest	Forested/woods
QD19LandShrub	Shrubland
QD19LandGrass	Grassland
QD19LandPasture	Pasture
QD19LandDesert	Desert
QD19LandCrop	Cropland/farm
QD19LandOthUndev	Other undeveloped
QD19LandOthUndevSpec	Other undeveloped, specify



QD19LandWet	Wetlands
QD19LandOther	Other
QD19LandOtherSpec	Other, specify
QD19LandDK	Don't know

**D-20c. Estimate the area occupied by each of the following site components, broken out by impervious areas and pervious areas. Under the “Impervious Site Components” grouping, do not include rooftop area that has a green roof or roads, driveways or parking areas which are constructed of pervious pavers or other pervious materials (such as permeable pavers, permeable concrete and porous asphalt). Rather, include these areas under the “Pervious Site Components” heading. If you participated in one portion of a larger project, only provide information on the portion of the project that you participated in. If the project is not yet complete, provide estimates based on what the expected project characteristics will be when the project is complete. If information is not available or unknown for a particular site component, please provide your best estimate or indicate “DK” for don't know.**

<b><u>Database Fields</u></b>	<b><u>Survey Response</u></b>
QD20cSiteBuild	Building areas/rooftops (house, garage, storage structure, etc.)
QD20cSiteStreet	Streets/roads
QD20cSiteDrive	Driveways
QD20cSitePark	Parking areas
QD20cSiteOtherImperSpec	Other impervious area, specify
QD20cSiteOtherImper	Other impervious area
QD20cSitePerv	Pervious paving (includes porous asphalt, pervious concrete, porous pavers or similar practices)
QD20cSiteGreen	Green roofs
QD20cSiteGrass	Grass lawns, turf grass or other open green space
QD20cSiteCrop	Cropland/pasture
QD20cSiteVeg	Natural vegetation and undisturbed areas (forest, shrubland, grassland, etc.)
QD20cSiteBuff	Buffers and other open space
QD20cSiteOtherPervSpec	Other pervious area, specify

QD20cSiteOtherPerv	Other pervious area
QD20cSiteWater	Water bodies

**D-27. Indicate which of the following stormwater post construction controls/practices have been installed (or are planned to be installed) for your portion of this project. Check all that apply.**

**For those practices installed (or that are planned to be installed), indicate the quantity of controls installed (i.e., for individual practices, such as basins, provide the number of individual controls). For controls such as pervious pavement, provide the total area (in square feet) installed. Also indicate the cost (including design and installation cost) for the individual controls. For buffers, curb and gutter, storm sewer and catch basins, indicate if the practice is present and the cost (if known), but do not provide any quantity information. If you don't know the quantity or cost of each control installed, check the corresponding box indicating not known.**

<b><u>Database Fields</u></b>	<b><u>Survey Response</u></b>
QD27DetBIn	Detention basins installed
QD27DetBNum	Number of Detention basins
QD27DetBUK	Number of Detention basins unknown
QD27DetBCost	Detention basins costs
QD27DetBUKC	Detention basins costs unknown
QD27RetBIn	Retention basins installed
...	...
QD27NoneUKC	No control installed unknown